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Knowledge



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Training



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Growth



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Learning Dashboard – Electrical x +

elec-engg.com/learning-dashboard/

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Learning Dashboard

Welcome back to your personal learning dashboard!

Here you can access all of your enrolled training courses, watch video lessons, download course materials, download certificate, and continue your learning journey at your own pace.

Please log in to your account to access your enrolled courses. Once you're signed in, all of your enrolled courses will automatically appear below:

Login

Simply click on a course above to start learning. Each course includes multiple lessons and can only be accessed by enrolled users.

Looking for More Courses? Discover courses you haven't enrolled in yet, selected based on your learning history and interests.

RECOMMENDED COURSES FOR ME (NOT ENROLLED)

100%

Learning Dashboard
Before Login

<https://elec-engg.com/learning-dashboard/>

Your Name

Learning Dashboard After Login

Click on each course to open the course

Learning Dashboard

saeed

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Please log in to your account to access your enrolled courses. Once you're signed in, all of your enrolled courses will automatically appear bellow:

Logout

saeed4 Roostae4

Edit profile

23

Courses

0

Completed

7

Certificates

0

Points

Your Courses

Siemens Substation Automation

Transformer Protection

IN PROGRESS

Motor Protection

IN PROGRESS

Electrical Engineering

Live

Customize

7

394

New

Edit Page

WP Rocket

Howdy, saeed

Learning Dashboard – Electrical

Substation Automation System

elec-engg.com/courses/substation-automation-system-sas/

Start Learning

Begin your journey into **Substation Automation Systems (SAS)** and develop the practical knowledge required for today's digital substations. **Enroll Now** to access the locked content right after the payment or [Discover More Courses](#)

Course Content

How to Access + Free Sample Lesson

SAMPLE LESSON

Sample Videos

SAMPLE LESSON

Free resources

SAMPLE LESSON

SAS Course Materials & PDFs

Training Materials (Private – Enrolled Users Only)

SAS Videos 7h 15m | 18 July 2026

You don't currently have access to this content

Main Training Videos (No Public Access)

Notes

SAMPLE LESSON

Bonus: Coupon code for Your Next Training

Substation Automation

Quiz (for Certification)

Course Content Preview (Before Enrollment)

Sample Lesson (Open to Public)

Training Materials (Private – Enrolled Users Only)

Main Training Videos (No Public Access)

Quiz (for Certification)

100%

Course Content Preview (After Enrollment)

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Course Content

- ☐ How to Access + Free Sample Lesson
- ☐ Sample Videos
- ☐ Free resources
- ☐ SAS 📖 Course Materials & PDFs
- ☐ SAS Videos ⌚ 7h 15m | 📅 18 July 2026
- ☐ Notes
- ☐ 🎁 Bonus: Coupon code for Your Next Training
- Substation Automation

X f 🕒 in 📺

Add to Profile

Certificate

Access All Lessons

Download Certificate

Search...

Course Home

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- ☐ SAS Course Materials & PDFs
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- ☐ Notes
- ☐ Bonus: Coupon code for Your Next Training

Return to Substation Automation System (SAS)

SAS Videos 7h 15m | 18 July 2026

By saeed / July 18, 2026

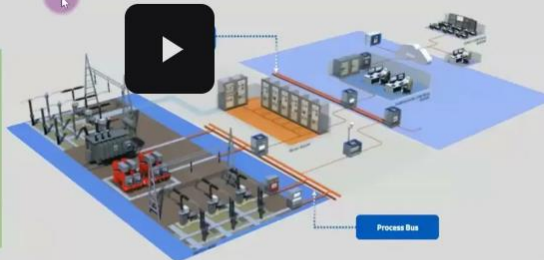
Substation Automation System (SAS) > SAS Videos 7h 15m | 18 July 2026

IN PROGRESS

SAS
SMS
SCS

Substation Automation System
Substation Monitoring System
Substation Control System

- Protection
- Monitoring
- Control
- Communication



Process Bus



01. Substation Automation System
Substation Monitoring system
Substation Control

• Protection
• Monitoring
• Control
• Communication

Ch1 P2 Definations.mp4
16:40

02.

Ch1 P3 Conventional DCS...

21:01

03.

Ch1 P4 devices equipment...

15:26

04.

Ch1 P5 symbol.mp4
13:44

05.

Ch1 P6 Relay Aux NO NC ...
21:37

06.

Ch2 P01 MV.mp4
14:49

07.

08.

09.

Last Update
18 July 2026

Duration
7 Hours and
15 Minutes

Access
After Login
or
After Enroll

All Course Updates Will Be
Added and Accessible to
Enrolled Users.

Login or Create an Account

Learning Dashboard – Electrical x +

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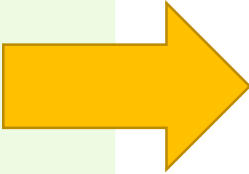
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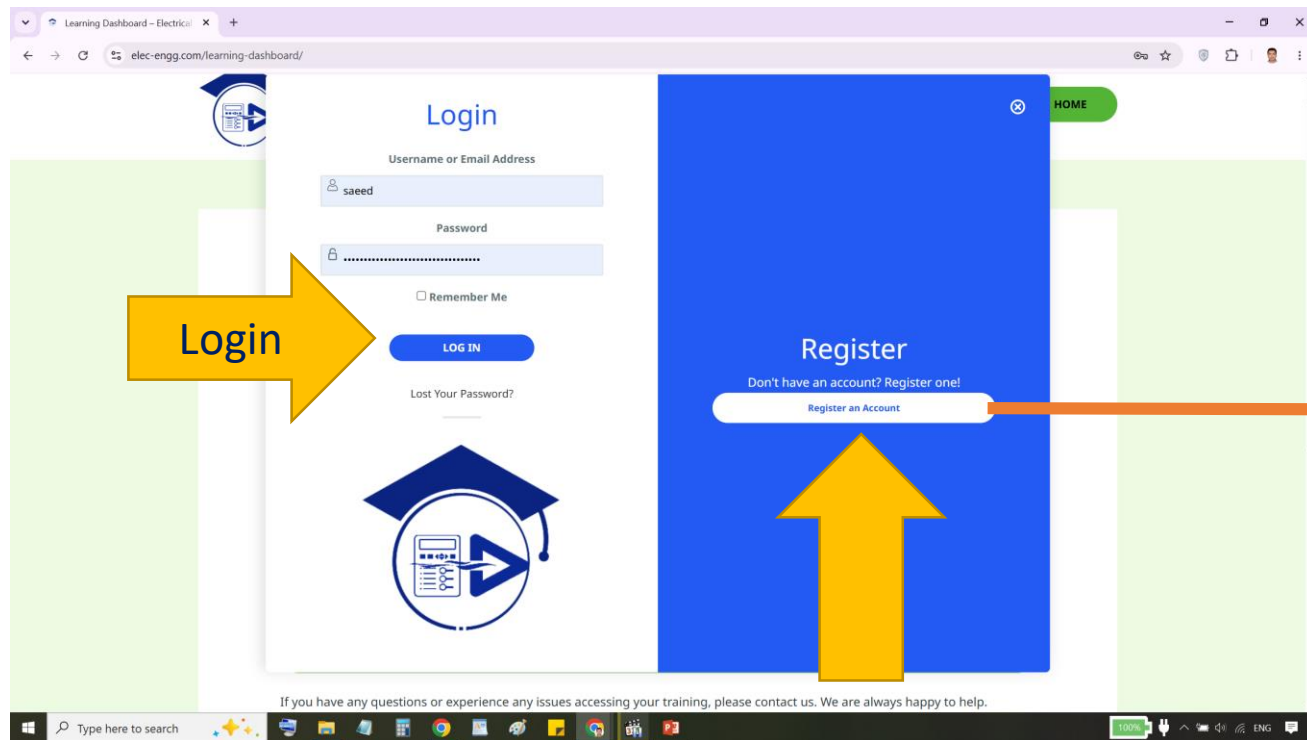
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100%

<https://elec-engg.com/learning-dashboard/>

Login or Create an account



The screenshot shows the 'Login' page of the 'Learning Dashboard - Electrical Engineering' website. The page has a light green background. On the left, there is a large yellow arrow pointing right with the word 'Login' in black text. The login form is centered and contains the following elements: a 'Username or Email Address' field with the text 'saeed' entered; a 'Password' field with masked characters; a 'Remember Me' checkbox; a blue 'LOG IN' button; and a link for 'Lost Your Password?'. Below the login form is a circular logo featuring a graduation cap and a document. A blue vertical rectangle is positioned to the right of the login form, containing the text 'Register' and 'Don't have an account? Register one!'. A yellow arrow points up to a white button labeled 'Register an Account' within this blue rectangle. An orange arrow points from this button to the right, towards the registration page.

Learning Dashboard - Electrical Engineering

elec-engg.com/learning-dashboard/

Login

Username or Email Address

saeed

Password

☐ Remember Me

LOG IN

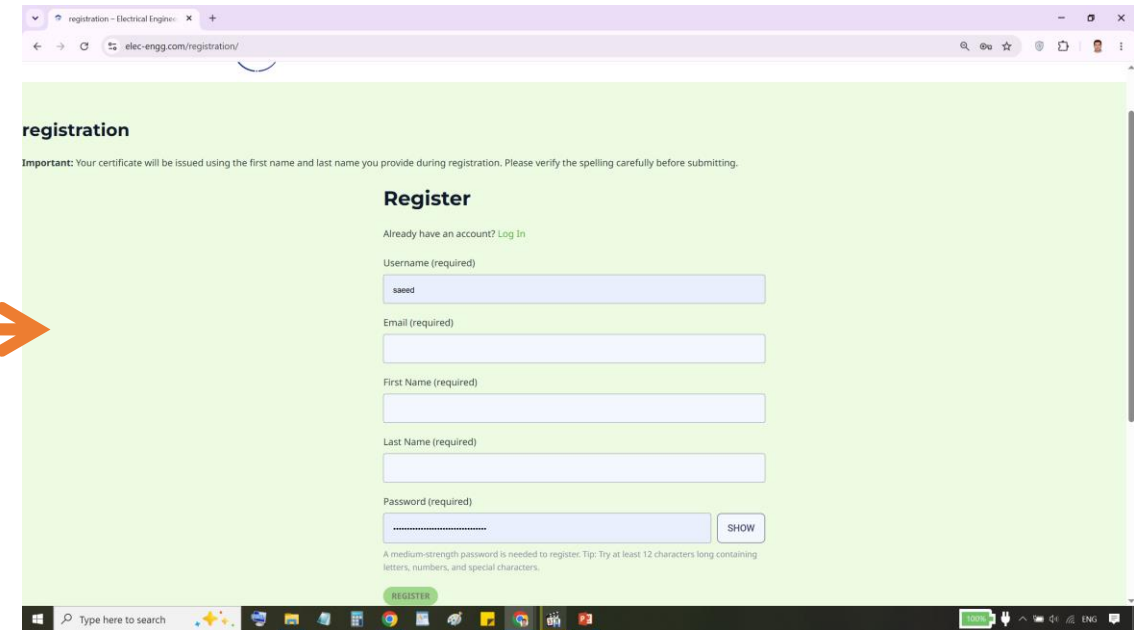
Lost Your Password?

Register

Don't have an account? Register one!

Register an Account

If you have any questions or experience any issues accessing your training, please contact us. We are always happy to help.



The screenshot shows the 'registration' page of the 'Electrical Engineering' website. The page has a light green background. At the top, it says 'registration' and includes an important note: 'Important: Your certificate will be issued using the first name and last name you provide during registration. Please verify the spelling carefully before submitting.' Below this is a 'Register' section. It starts with a link 'Already have an account? Log In'. The registration form includes the following fields: 'Username (required)' with the text 'saeed' entered; 'Email (required)'; 'First Name (required)'; 'Last Name (required)'; and 'Password (required)' with masked characters and a 'SHOW' button. A note at the bottom states: 'A medium-strength password is needed to register. Tip: Try at least 12 characters long containing letters, numbers, and special characters.' A green 'REGISTER' button is at the bottom of the form.

registration

Important: Your certificate will be issued using the first name and last name you provide during registration. Please verify the spelling carefully before submitting.

Register

Already have an account? [Log In](#)

Username (required)

saeed

Email (required)

First Name (required)

Last Name (required)

Password (required)

SHOW

A medium-strength password is needed to register. Tip: Try at least 12 characters long containing letters, numbers, and special characters.

REGISTER

- **Lost your password or unable to reset it?**
- **Your courses are not available on your Learning Dashboard?**
- **Username or password not valid?**
- **Having any issues logging in?**
- **Need help with your training access?**

[Feel Free to Contact us](#)

<https://elec-engg.com/contactus/>

How to Enroll

Please log in to your account to access your enrolled courses. Once you're signed in, all of your purchased courses will automatically appear bellow on this page.

Logout >



Saeed Roostae

Edit profile

0	0	0	0
Courses	Completed	Certificates	Points

Your Courses

Expand All

No Courses found

Recommended Courses for You

Log in to your account to view personalized course recommendations based on your enrolled courses and the email address associated with your account.

Learning Dashboard
Before Course Enroll

Learning Dashboard – Electrical | Pre-recorded video – Electrical |

elec-engg.com/pre-recorded-video/

Price in EUR

Select Your Course

Course Title	Price (EUR)
Transformer Protection	50
SIPROTEC 5 & DIGSI 5	70
Generator Protection	80
Power System Protection	45
ABB PCM 600	75
DIGSI 4	50
ABB CAP 505	30
SIPROTEC 5 7SS85 Busbar Protection	65
SILENT DIG	70
55	55
75	75

100%

ENG

Pre-recorded course list:

<https://elec-engg.com/pre-recorded-video/>

Search...

Course Home

- ☐ About SIPROTEC 7SA8 Training
- ☐ Video Lessons
- ☒ Course Materials
- ☐ PDF - OPEN
- ☐ Video- Sample

Line protection with SIPROTEC 7SA8

By saeed / July 21, 2026

Current Status

NOT ENROLLED

Price

80

Get Started

Take this Course

1

Unlock the Course

Line Protection with Siemens SIPROTEC 5 7SA8 (Basic to Advanced)

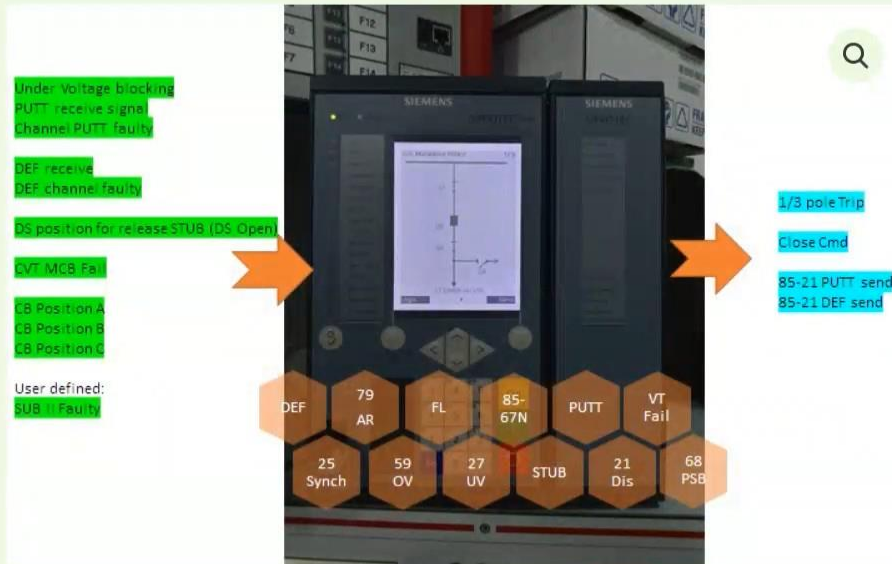
Master one of the most widely used transmission line protection relays with this practical, engineering-focused training course.

Designed for protection, commissioning, and substation automation engineers, this course provides a complete understanding of **transmission line protection** and demonstrates how to configure, test, and commission the **Siemens SIPROTEC 5 7SA8** relay using real engineering examples.

Starting with the fundamentals of distance protection, the course progresses to advanced applications, including teleprotection schemes, automatic reclosing, synchrocheck, power swing blocking, and relay testing.

Course Content

No Access before Enroll

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[Home](#) / [Advanced Training](#) / [N753: Line protection with SIPROTEC 7SA8](#)

[Advanced Training](#)

N753: Line protection with SIPROTEC 7SA8

€80

Line Protection with Siemens SIPROTEC 5 7SA8 is a comprehensive training course covering transmission line protection from basic to advanced level. Learn distance protection, teleprotection, line function groups, automatic reclosing, synchrocheck (ANSI 25), power swing blocking, Switch-on-to-Fault (SOTF), relay configuration, testing, and commissioning using the Siemens SIPROTEC 5 7SA8 relay. Ideal for protection, commissioning, and substation automation engineers.

This course will be unlocked immediately after your payment, and you can access it from your [learning dashboard](#).

[ADD TO CART](#)

2

[Unlock the Course](#)

Category: [Advanced Training](#)

Card

✓ "Substation Automation System (SAS) (Course Code #11)" removed. [Undo?](#)

	Product	Price	Quantity	Subtotal
	 N753: Line protection with SIPROTEC 7SA8	€80		€80
Coupon code		<button>APPLY COUPON</button>		<button>UPDATE CART</button>

Cart totals

Subtotal €80

Total €80

PROCEED TO CHECKOUT

3

Unlock the Course

First name *	Last name *
Saeed	Roostaee
Country / Region *	
India	
Street address *	
sdfsdf	
Town / City *	
asdf	
State *	
Delhi	
PIN Code *	
112233	
Phone (optional)	
Email address *	
saeed.elec.engg@gmail.com	

Additional information

Order notes (optional)

Your order

Product	Subtotal
N753: Line protection with SIPROTEC 7SA8 × 1	€80
Subtotal	€80
Total	€80

Online Payment Gateway

Pay with your debit card(Mastercard,Visa,American Express,...) with 3D Secure

PLACE ORDER

4

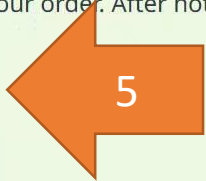
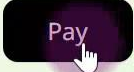
Unlock the Course



Checkout

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
21305	August 1, 2026	€80	Online Payment Gateway

Thanks for your order. After noting the order number, click on the pay button to transfer to the online payment gateway.



Unlock the Course



LEARNING DASHBOARD

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Checkout

Thank you. Your order has been received.

Course Automatically Unlocked – Access It from Your Learning Dashboard

ORDER NUMBER:
21306

DATE:
August 1, 2026

EMAIL:
saeed.elec.engg@gmail.com

TOTAL:
€0

Order details

Product	Total
N753: Line protection with SIPROTEC 7SA8 × 1	€80
Subtotal:	€80
Discount:	-€80
Total:	€0
Actions:	INVOICE



Logout >



Saeed Roostae

Edit profile

1	0	0	0
Courses	Completed	Certificates	Points

Your Courses

Expand All

☐ Line protection with SIPROTEC 7SA8



Click on the Course to Open It

- ☐ PDF - OPEN
- ☐ Video- Sample

Designed for protection, commissioning, and substation automation engineers, this course provides a complete understanding of **transmission line protection** and demonstrates how to configure, test, and commission the **Siemens SIPROTEC 5 7SA8** relay using real engineering examples.

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Course Content

- ☐ About SIPROTEC 7SA8 Training
- ☐ Video Lessons
- ☐ Course Materials
- ☐ PDF - OPEN
- ☐ Video- Sample
- ☒ SIPROTEC 5 7SA8 Line Protection

All Lessons
Unlocked &
Accessible



☐ About SIPROTEC 7SA8 Training

☒ Video Lessons

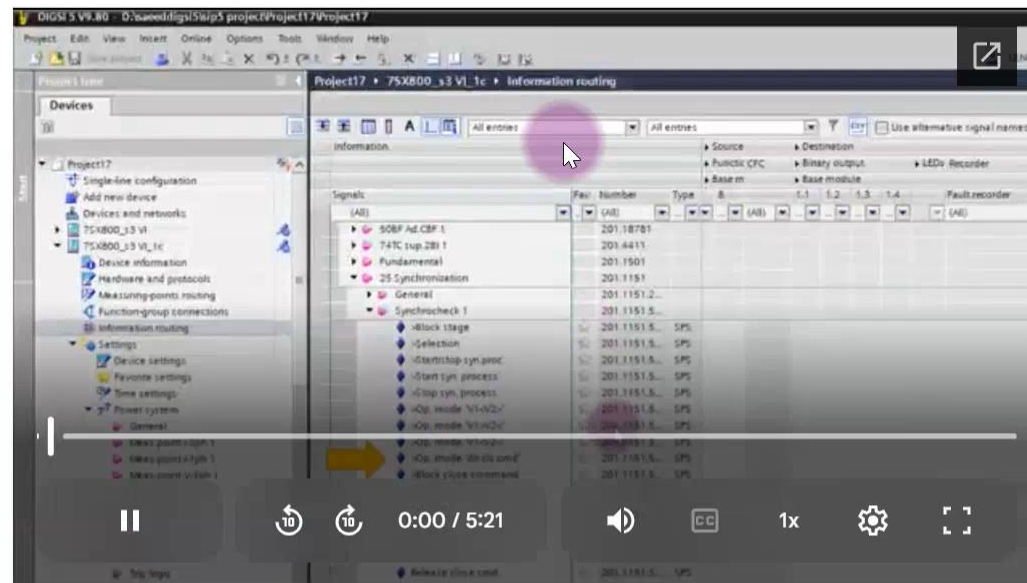
☐ Course Materials

☐ PDF – OPEN

☐ Video- Sample

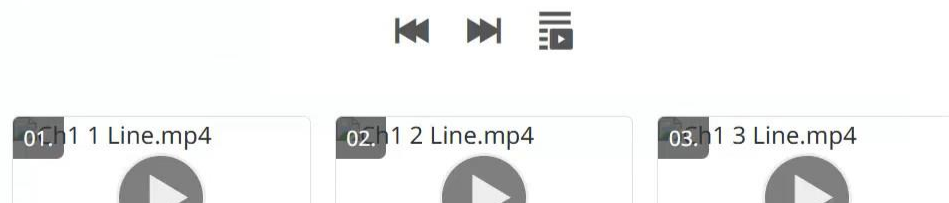
Return to [Line protection with SIPROTEC 7SA8](#)

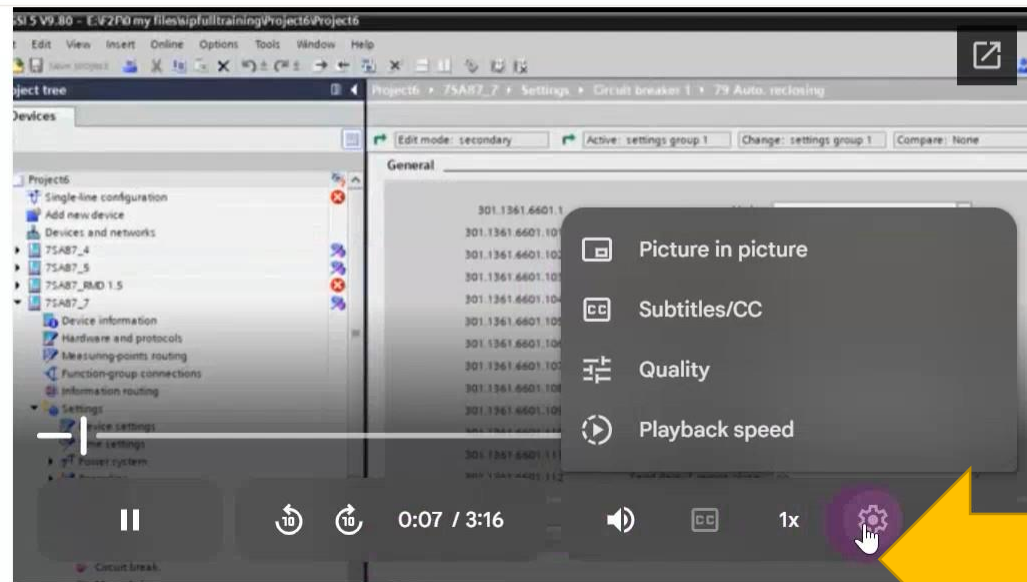
- Ch2 7SA config
- Ch3 Distance Function in 7SA
- Ch4 FG Line
- Ch5 Tele Protection
- Ch6 SOTF
- **Ch7 Synck Check**
- Ch8 AR
- Ch9 Power swing
- Ch10 VT Fail
- Ch11 Testing and commissioning



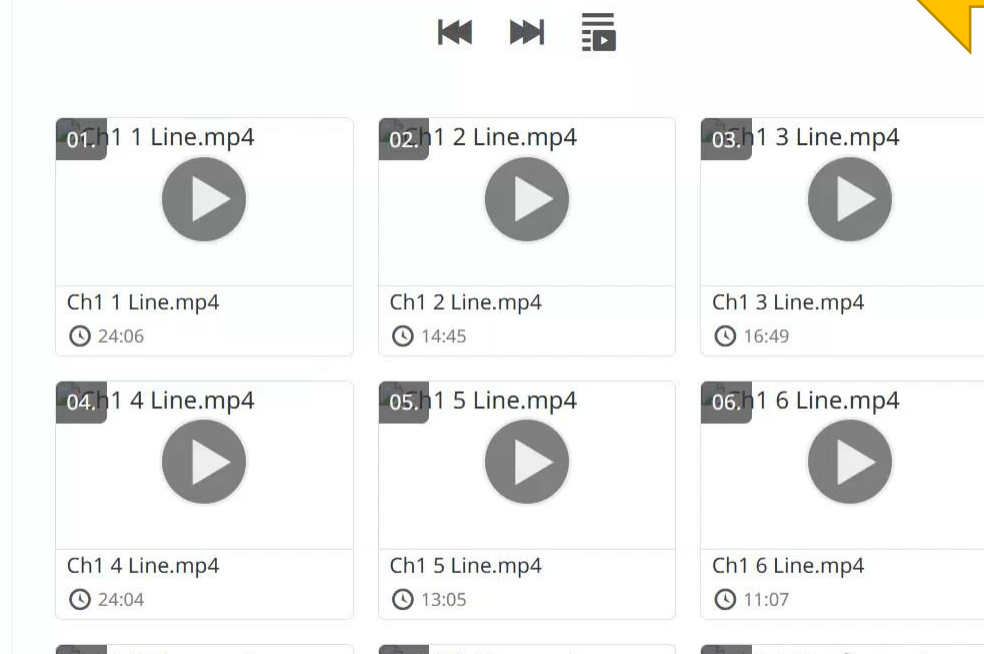
Video Player

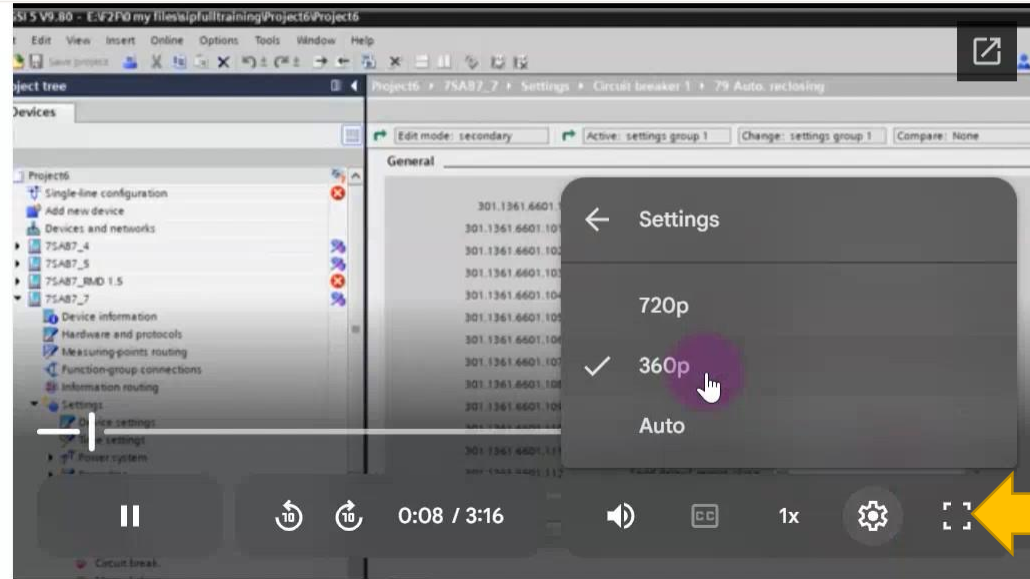
Video Playlist





Player Settings
Quality
Speed





Full Page

Navigation controls: Previous, Next, and Playlist icons.

01. Ch1 1 Line.mp4	02. Ch1 2 Line.mp4	03. Ch1 3 Line.mp4
Ch1 1 Line.mp4 ⌚ 24:06	Ch1 2 Line.mp4 ⌚ 14:45	Ch1 3 Line.mp4 ⌚ 16:49

04. Ch1 4 Line.mp4	05. Ch1 5 Line.mp4	06. Ch1 6 Line.mp4
Ch1 4 Line.mp4 ⌚ 24:04	Ch1 5 Line.mp4 ⌚ 13:05	Ch1 6 Line.mp4 ⌚ 11:07

Project tree

Devices

- Project6
 - Single-line configuration
 - Add new device
 - Devices and networks
 - 7SA87_4
 - 7SA87_5
 - 7SA87_RMD 1.5
 - 7SA87_7
 - Device information
 - Hardware and protocols
 - Measuring-points routing
 - Function-group connections
 - Information routing
 - Settings
 - Device settings
 - Time settings
 - Power system
 - Recording
 - Line 1
 - Circuit breaker 1

Project6 > 7SA87_7 > Settings > Circuit breaker 1 > 79 Auto. reclosing

Edit mode: secondary Active: settings group 1 Change: settings group 1 Compare: None

General

301.1361.6601.1	Mode:	on	
301.1361.6601.101	79 operating mode:	with op., with act. time	
301.1361.6601.102	CB ready check bef. start:	no	
301.1361.6601.103	Reclai. time aft.succ.cyc.:	3.00	s
301.1361.6601.104	Block. time aft. man.close:	1.00	s
301.1361.6601.105	Start signal supervis.time:	0.13	s
301.1361.6601.106	CB ready superv. time:	3.00	s
301.1361.6601.107	3-pole operate by 79:	yes	
301.1361.6601.108	Evolving-fault detection:	with trip	
301.1361.6601.109	Response to evol. faults:	blocks 79	
301.1361.6601.110	Max. dead-time delay:	0.50	s
301.1361.6601.111	Max. dead-time extension:	1.20	s
301.1361.6601.112	Send delay f. remot. close:	oo	s

Add new stage

Delete stage

Quiz & Certificate

- ☐ PDF - OPEN
- ☐ Video- Sample

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Course Content

- ☐ About SIPROTEC 7SA8 Training
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- ☐ Course Materials
- ☐ PDF - OPEN
- ☐ Video- Sample
- ☒ SIPROTEC 5 7SA8 Line Protection

Quiz →



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SIPROTEC 5 7SA8 Line Protection

By saeed / July 29, 2026

[Line protection with SIPROTEC 7SA8](#) > [SIPROTEC 5 7SA8 Line Protection](#)

Start Quiz



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SIPROTEC 5 7SA8 Line Protection

By saeed / July 29, 2026

Line protection with SIPROTEC 7SA8 > SIPROTEC 5 7SA8 Line Protection

Results

8 of 9 Questions answered correctly

Your time: 00:00:45



You have reached 8 of 9 point(s), (88.89%)



Add to Profile

Certificate

View Questions

Restart Quiz

Continue



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ProtectionRelay.com

CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO

Saeed Roostaee

for successfully passing the course:

SIPROTEC 5 7SA8 Line Protection

we are excited to see how you will apply this knowledge in your future endeavors.

Validate at: Elec-Engg.com/certificate (ID: 12D649CC9-12D642671-34F3F85) or Scan the QR Code

Unique Certificate ID • Scan to Verify



This certificate is awarded by:
Dr. Saeed Roostaee





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